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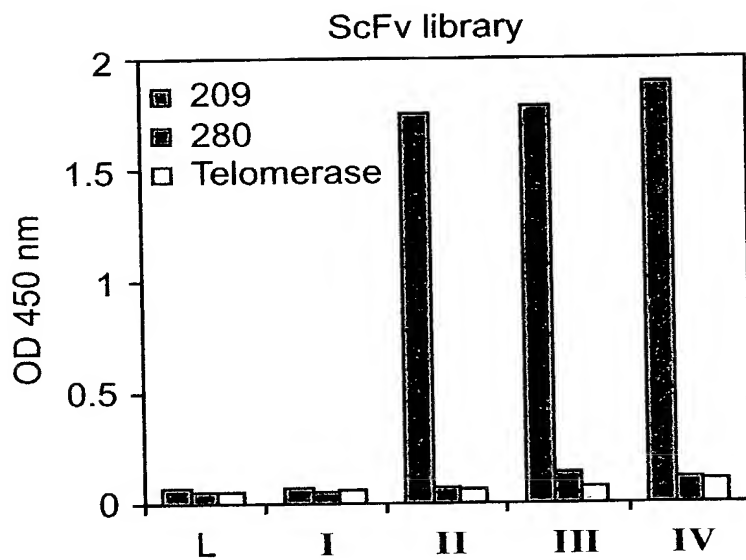


Fig. 1a

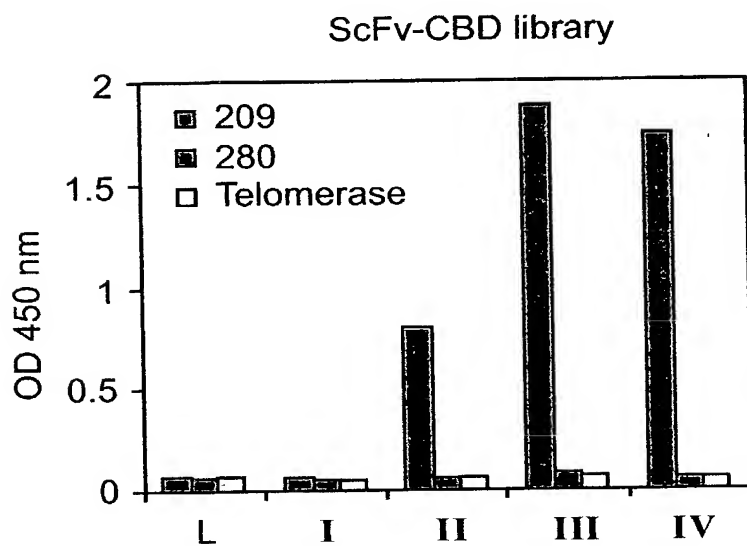


Fig. 1b

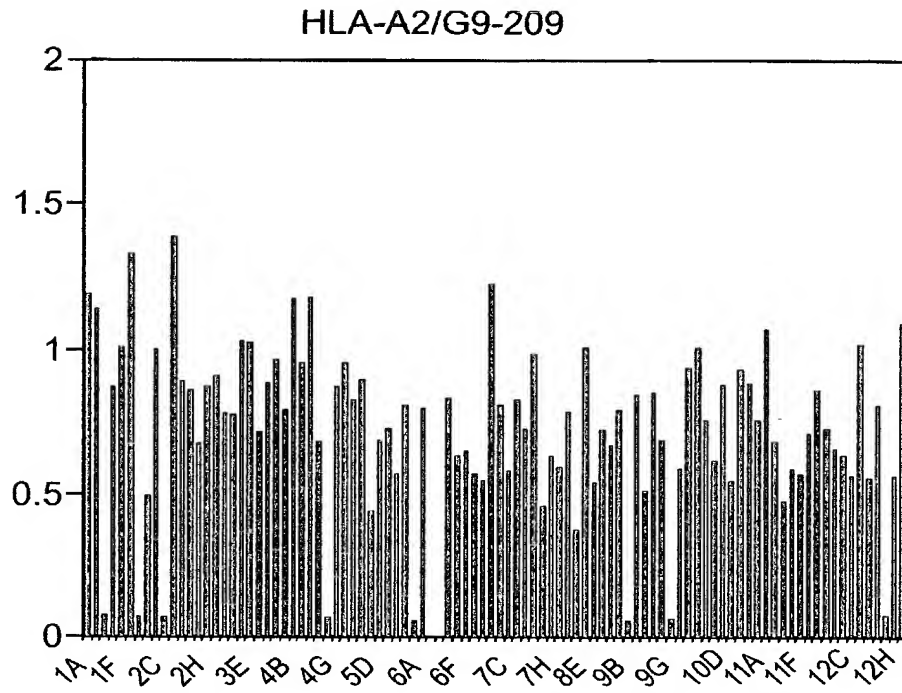


Fig. 2a

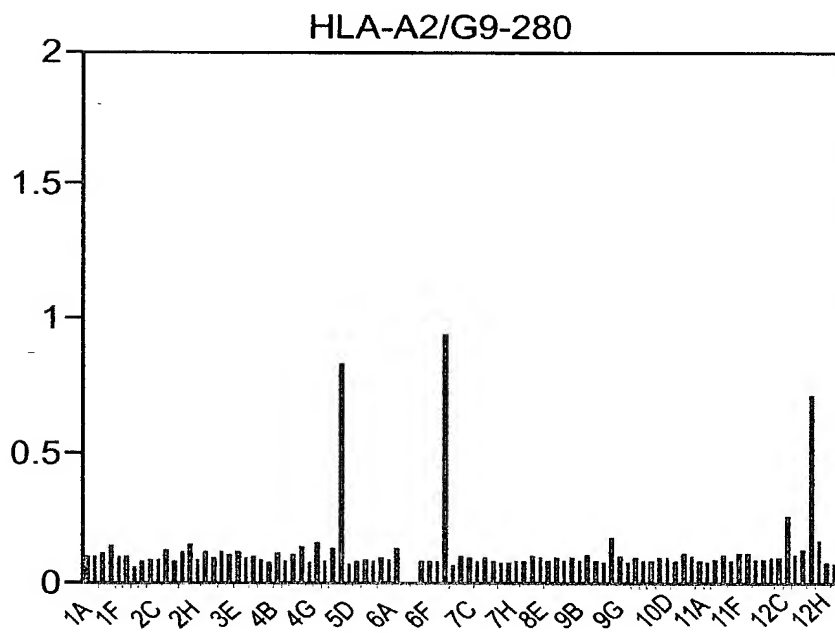


Fig. 2b

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1 2 3 4 5 6 7 8 9 10 11 12 13 14
 CAG GTG AAA CTG CAG GAG TCT GGG GGA GGC TTA GTG AAG CCT SEQ ID NO:8
 gln val lys leu gln glu ser gly gly gly leu val lys pro SEQ ID NO:9

15 16 17 18 19 20 21 22 23 24 25 26 27 28
 GGA GGG TCC CTG AAA CTC TCC TGT GCA GCC TCT GGA TTC ACT
 gly gly ser leu lys leu ser cys ala ala ser gly phe thr

29 30 31 32 33 34 35 36 37 38 39 40 41 42
 TTC AGT AGC TAT GGC ATG TCT TGG GTT CGC CAG ACT CCA GAC
 phe ser ser tyr gly met ser trp val arg gln thr pro asp

43 44 45 46 47 48 49 50 51 52 53 54 55 56
 AAG AGG CTG GAG TGG GTC GCA ACC ATT AGT AGT GGT GGT AGT
 lys arg leu glu trp val ala thr ile ser ser gly gly ser

57 58 59 60 61 62 63 64 65 66 67 68 69 70
 TAC ACC TAC TAT CCA GAC AGT GTG AAG GGG CGA TTC ACC ATC
 tyr thr tyr tyr pro asp ser val lys gly arg phe thr ile

71 72 73 74 75 76 77 78 79 80 81 82 83 84
 TCC AGA GAC AAT GCC AAG AAC ACC CTG TAC CTG CAA ATG AGC
 ser arg asp asn ala lys asn thr leu tyr leu gln met ser

85 86 87 88 89 90 91 92 93 94 95 96 97 98
 AGT CTG AAG TCT GAG GAC ACA GCC ATG TAT TAC TGT GCA AGA
 ser leu lys ser glu asp thr ala met tyr tyr cys ala arg

99 100 101 102 103 104 105 106 107 108 109 110 111 112
 GGT AAC TGG GAA GGA TGG TAC TTC GAT GTC TGG GGC CAA GGG
 gly asn trp glu gly trp tyr phe asp val trp gly gln gly

113 114 115 116 117 118
 ACC ACG GTC ACC GTC TCC TCA GGT GGA GGC GGT TCA GGC GGA
 thr thr val thr val ser ser gly gly gly gly ser gly gly

1 2 3 4 5 6
 GGT GGC TCT GGC GGT GGC GGA TCG AAC ATC GAG CTC ACT CAG
gly gly ser gly gly gly gly ser asn ile glu leu thr gln

7 8 9 10 11 12 13 14 15 16 17 18 19 20
 TCT CCA GCA ATC ATG TCT GCA TCT CCA GGG GAG AGG GTC ACC
 ser pro ala ile met ser ala ser pro gly glu arg val thr

21 22 23 24 25 26 27 28 29 30 31 32 33 34
 ATG ACC TGC AGT GCC AGC TCA AGT ATA CGT TAC ATA TAT TGG
 met thr cys ser ala ser ser ser ile arg tyr ile tyr trp

35 36 37 38 39 40 41 42 43 44 45 46 47 48
 TAC CAA CAG AAG CCT GGA TCC TCC CCC AGA CTC CTG ATT TAT
 tyr gln gln lys pro gly ser ser pro arg leu leu ile tyr

49 50 51 52 53 54 55 56 57 58 59 60 61 62
 GAC ACA TCC AAC GTG GCT CCT GGA GTC CCT TTT CGC TTC AGT
 asp thr ser asn val ala pro gly val pro phe arg phe ser

Fig. 3a

63	64	65	66	67	68	69	70	71	72	73	74	75	76
GGC	AGT	GGG	TCT	GGG	ACC	TCT	TAT	TCT	CTC	ACA	ATC	AAC	CGA
gly	ser	gly	ser	gly	thr	ser	tyr	ser	leu	thr	ile	asn	arg
77	78	79	80	81	82	83	84	85	86	87	88	89	90
ATG	GAG	GCT	GAG	GAT	GCT	GCC	ACT	TAT	TAC	TGC	CAG	GAG	TGG
met	glu	ala	glu	asp	ala	ala	thr	tyr	tyr	cys	gln	glu	trp
91	92	93	94	95	96	97	98	99	100	101	102	103	
AGT	GGT	TAT	CCG	TAC	ACG	TTC	GGA	GGG	GGG	ACA	AAG	TTG	
ser	gly	tyr	pro	tyr	thr	phe	gly	gly	gly	thr	lys	leu	

Fig. 3a (Cont.)

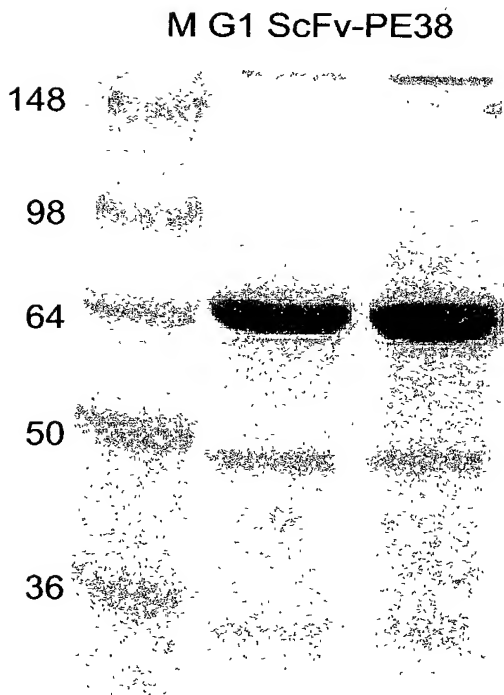


Fig. 3b

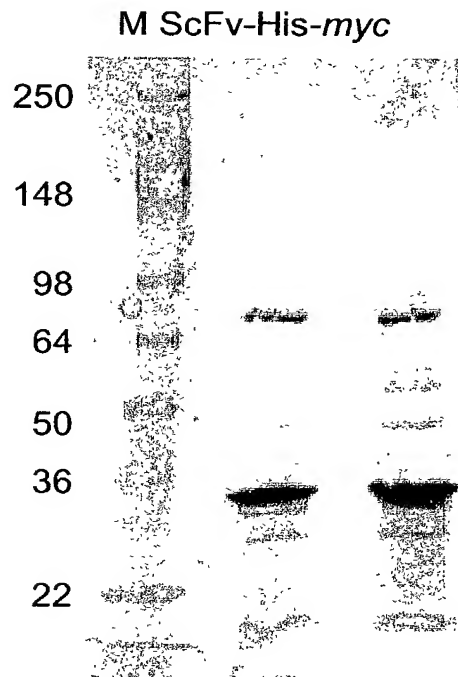


Fig. 3c

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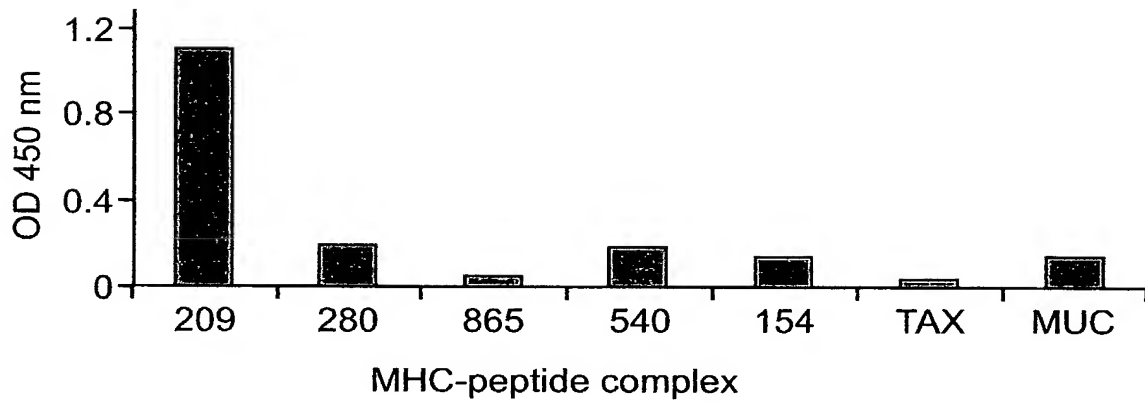


Fig. 4

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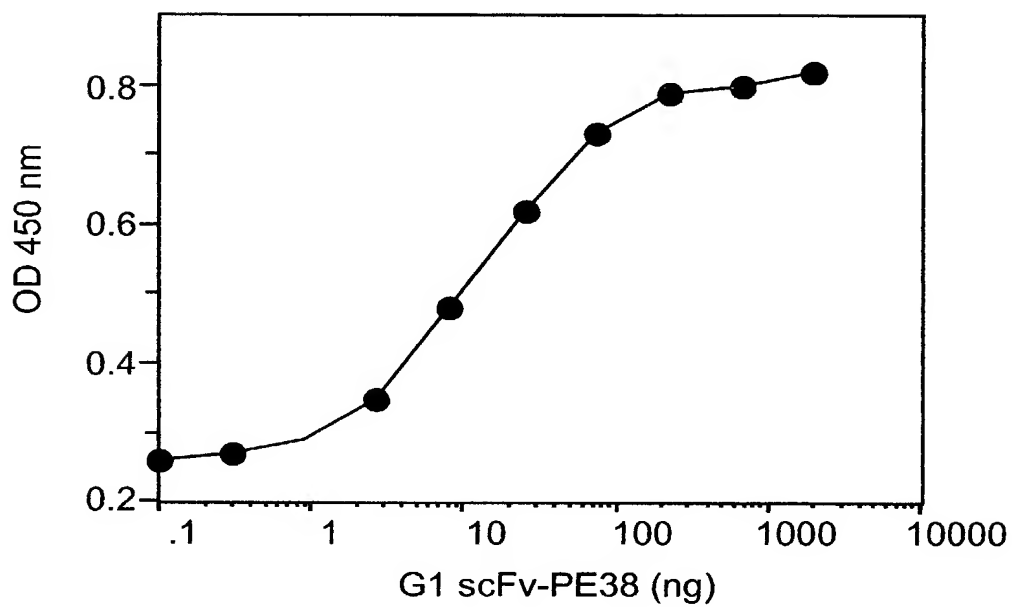


Fig. 5a

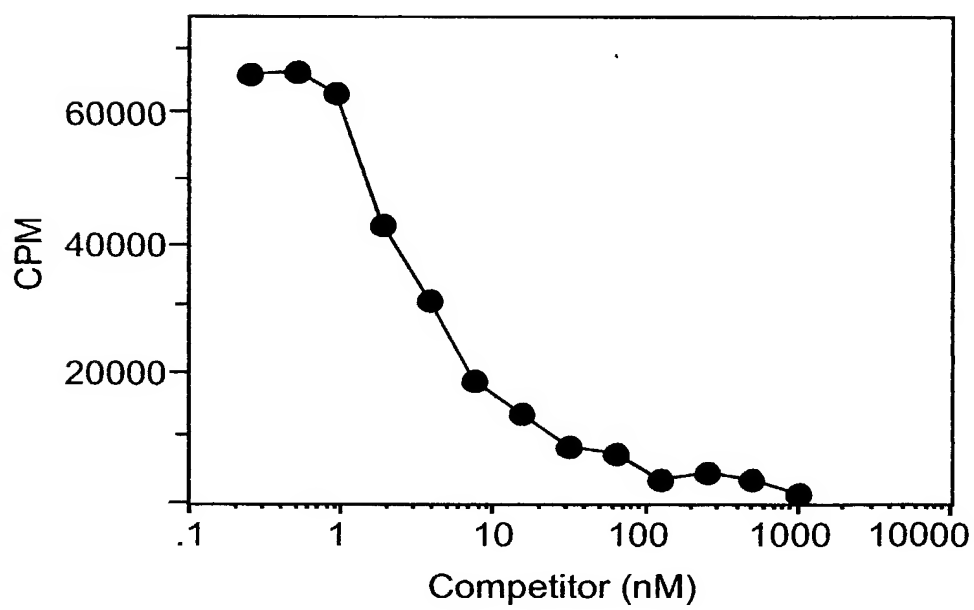


Fig. 5b

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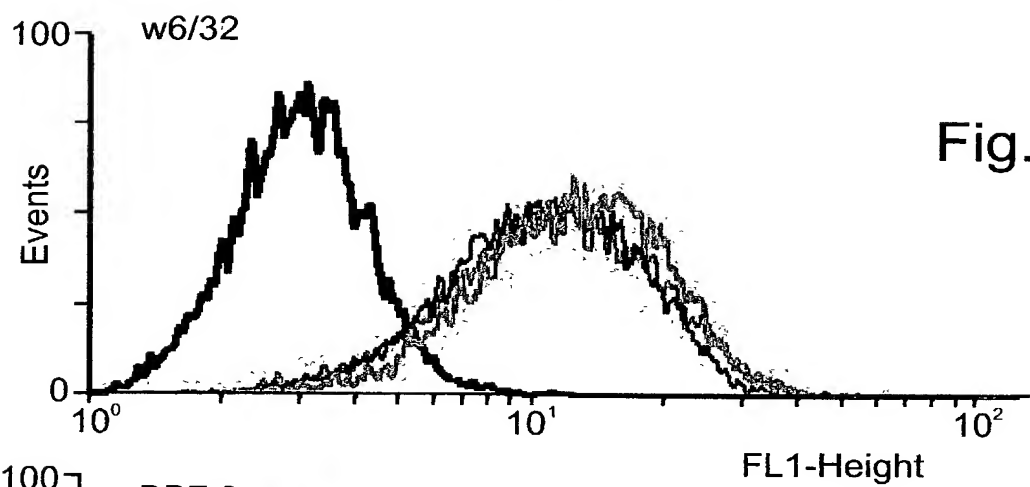


Fig. 6a

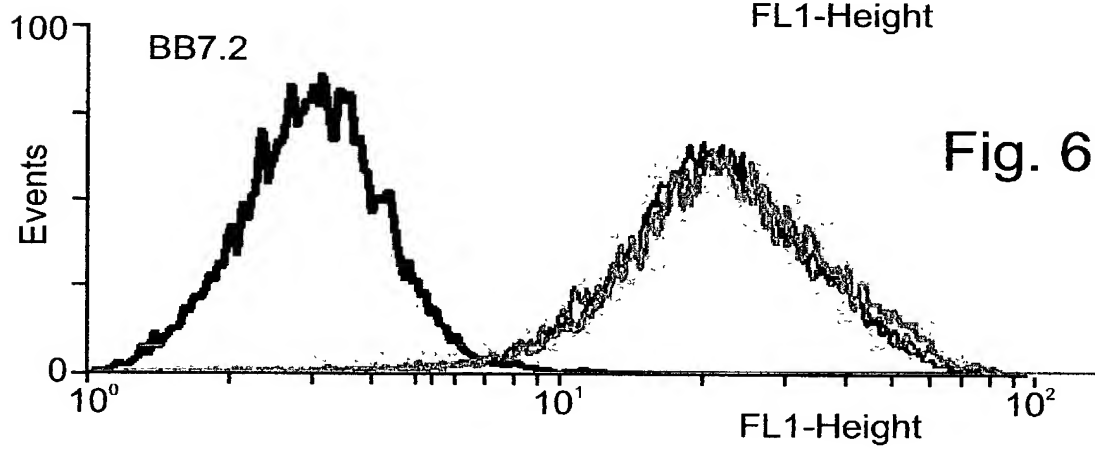


Fig. 6b

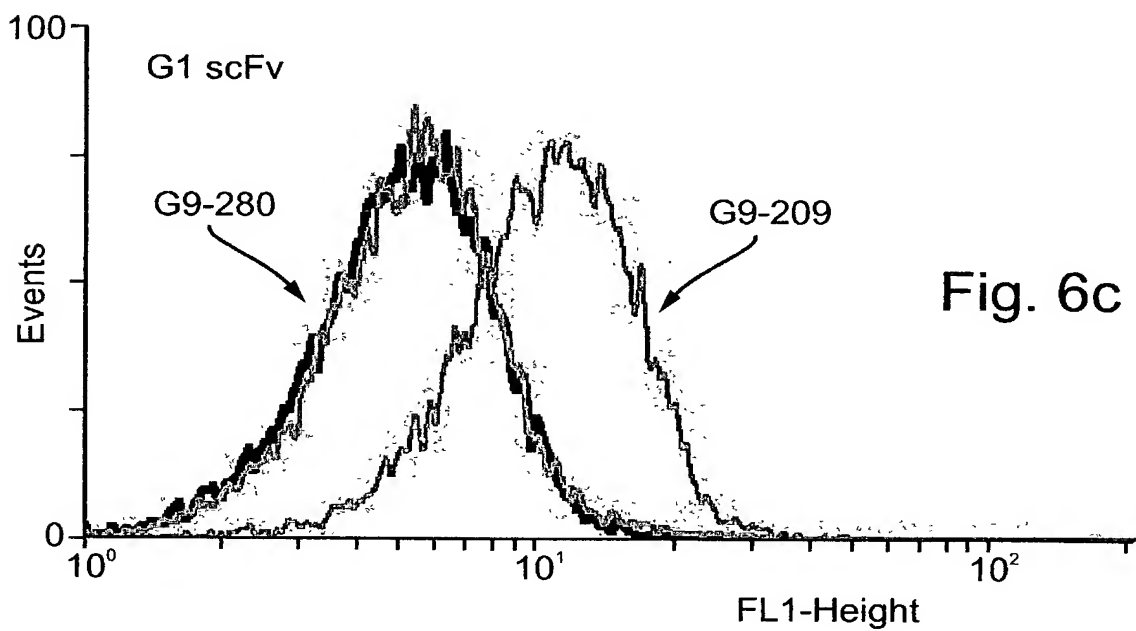


Fig. 6c

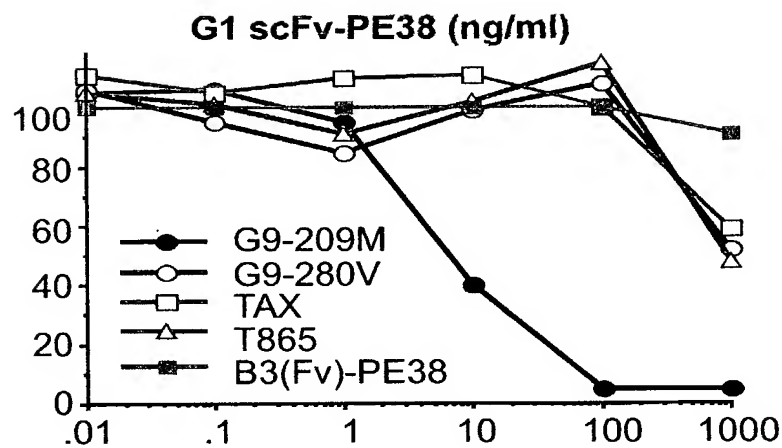


Fig. 7a

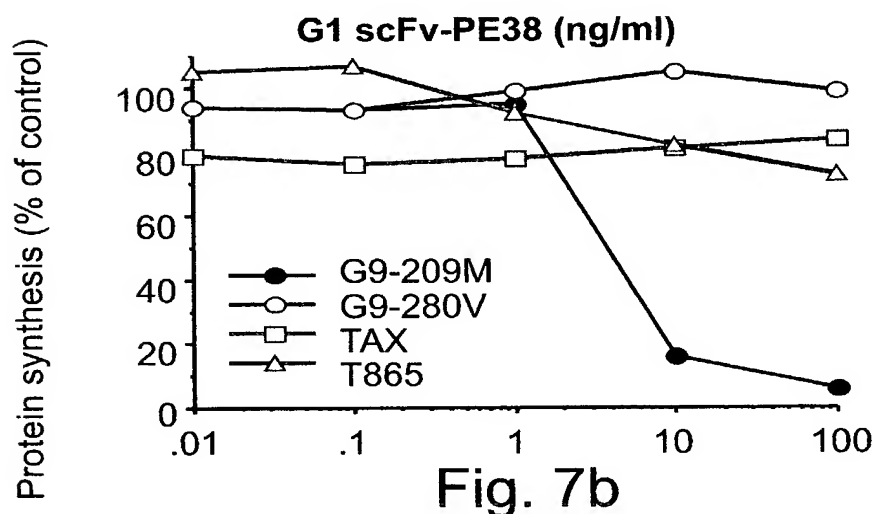


Fig. 7b

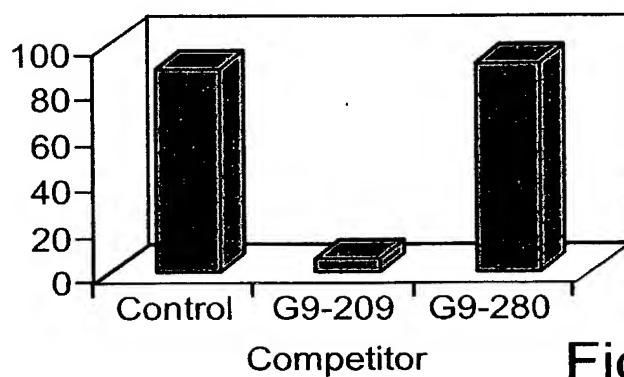


Fig. 7c